

## EAST Search History

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| S1    | 90716   | (mut\$3 ((shut\$4 turn\$3) near3 (off))) with (laser light emit\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:43 |
| S2    | 1737070 | press   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:45 |
| S3    | 12120   | S1 and S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:45 |
| S4    | 6007    | 250/221,559.12,559.13,222.1,216.ccls.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:45 |
| S5    | 654     | 340/507,512.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:46 |
| S6    | 3089    | 361/170,173-177.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:46 |
| S7    | 2403    | 192/116.5,129r,130,129a,146,144.ccls.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:46 |
| S8    | 1362366 | safety safe   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/03 19:47 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S9  | 33545   | S2 same S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/03 19:47 |
| S10 | 407     | S3 and S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/03 19:47 |
| S11 | 407     | S10 and (S4 S5 S6 S7 S8)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/03 20:24 |
| S12 | 213     | thanh and luu.xa.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/03 20:25 |
| S13 | 625     | thanh and luu.xp.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/03 20:25 |
| S14 | 11      | (S12 S13) and S2 and S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/03 20:25 |
| S16 | 90852   | (mut\$3 ((shut\$4 turn\$3) near3<br>(off))) with (laser light emit\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/09 10:14 |
| S17 | 1739104 | press  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/09 10:14 |

## EAST Search History

|     |         |              |   |    |    |                  |
|-----|---------|--------------|---|----|----|------------------|
| S18 | 12154   | S16 and S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/09 10:14 |
| S19 | 1364094 | safety safe  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/09 10:14 |
| S20 | 33576   | S17 same S19 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/09 10:14 |
| S21 | 407     | S18 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/09 10:14 |

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| L8    | 2      | "4166369".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/19 13:04 |
| L9    | 526    | 250/221,559.4.ccls.   | US-PGPUB  | OR               | ON      | 2007/10/19 13:06 |
| L10   | 23     | 340/507.ccls.   | US-PGPUB  | OR               | ON      | 2007/10/19 13:07 |
| L11   | 9      | 192/116.5,129r.ccls.  | US-PGPUB  | OR               | ON      | 2007/10/19 13:07 |
| L12   | 6      | 72/441.ccls.  | US-PGPUB  | OR               | ON      | 2007/10/19 13:07 |
| L13   | 272785 | press   | US-PGPUB  | OR               | ON      | 2007/10/19 13:07 |
| L14   | 145889 | safety  | US-PGPUB  | OR               | ON      | 2007/10/19 13:08 |
| L15   | 214631 | laser   | US-PGPUB  | OR               | ON      | 2007/10/19 13:08 |
| L16   | 154336 | photodiode photodetect\$3<br>photosens\$3 photoreceiv\$3 ((photo<br>light radiation laser illumination)<br>near3 (receiv\$3 sens\$3 detect\$3))<br>(photo adj3 diode) | US-PGPUB  | OR               | ON      | 2007/10/19 13:08 |
| L17   | 607297 | decelerat\$3 stop\$4 slow\$3  | US-PGPUB  | OR               | ON      | 2007/10/19 13:09 |
| L19   | 74716  | speed near5 control\$4  | US-PGPUB  | OR               | ON      | 2007/10/19 13:09 |
| L20   | 117106 | mut\$4  | US-PGPUB  | OR               | ON      | 2007/10/19 13:09 |
| L21   | 501    | 13 and 14 and 15 and 16 and 17<br>and 19  | US-PGPUB  | OR               | ON      | 2007/10/19 13:09 |
| L22   | 2      | (13 and 14 and 15 and 16 and 17<br>and 19).clm.   | US-PGPUB  | OR               | ON      | 2007/10/19 13:10 |
| L23   | 1      | 22 and (9 10 11 12)   | US-PGPUB  | OR               | ON      | 2007/10/19 13:11 |
| L24   | 1      | (13 and 14 and 15 and 16 and 17<br>and 19 and 20).clm.  | US-PGPUB  | OR               | ON      | 2007/10/19 13:10 |
| L25   | 1      | 24 and (9 10 11 12)   | US-PGPUB  | OR               | ON      | 2007/10/19 13:11 |

*Interference Search*